

CODING EXPRESS

LEARNING

GRID

(NAEYC and Head Start)

LESSONS

		First Trip	Train sound	O Shaped Track	Y Shaped Track	Character	Music	Journey	Math
		Beginner		Intermediate			Advanced		
MATH	Counting using number names, and begin recognizing the number of objects in a set								●
	Sequencing numbers or events		●		●	●	●		●
	Exploring measurement and begin using standard and nonstandard forms of measurement								●
SCIENCE & TECHNOLOGY	Asking questions about technology related concepts	●	●	●					
	Identifying cause and effect relationships	●	●	●	●	●	●	●	●
	Making predictions						●	●	●
	Using strategies and planning in order to solve problems							●	●
	Designing and expressing ideas with digital/technology tools				●	●	●	●	●
LANGUAGE & LITERACY SOCIAL & EMOTIONAL DEVELOPMENT	Expressing thoughts, ideas, and opinions to others				●	●	●		
	Observing and describing	●	●	●					
	Recognizing and naming emotions					●			
	Understanding other people's feelings					●			
	Expressing their thoughts and feelings					●			
	Understanding how one's actions can affect others					●			

21ST CENTURY SKILLS (P21)

EARLY

LEARNING

- – fully covered
- ◐ – partially covered

	LESSONS							
	First Trip	Train Sound	O-Shaped Track	Y-Shaped Track	Character	Music	Journey	Math
	Beginner		Intermediate			Advanced		
Creativity and innovation	●	●	●	●	●	●	●	◐
Critical thinking and problem-solving	◐	◐	●	●	●	◐	●	●
Communication	●	●	●	●	●	●	●	●
Collaboration	●	●	●	●	●	●	●	◐
Flexibility and adaptability	◐	◐	●	●	●	●	●	●
Initiative and self-direction	●	●	●	●	●	●	●	●
Social and cross-cultural	◐	◐	●	●	●	●	●	◐
Productivity and accountability	◐	◐	●	●	●	●	●	●
Leadership and responsibility	◐	◐	●	●	●	●	●	●
Information and media literacy	◐	◐	◐	◐	●	●	●	●